



# NITFS Compliance Registration



**Product:** Information Dissemination Services - Direct Delivery (IDS-D), Delivery 183  
(Effectivity NE128 only) **Date:** 07 March 2007

**Sponsor:** National Geospatial-Intelligence Agency (NGA) **Expiration:** 06 March 2009

**Registration #:** 352

**Developer:** Raytheon Company

- ☐ Initial Registration  
☒ Supplemental/Update #  
☐ Derived from Reg. #

☒ **System**  
N-0105/98, §4.1.1

☐ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

- SunFire 6800 - Solaris 2.9  
Image formats: Full, IMP, 8/8, and 11/16 bits

- SunFire 880 - Solaris 2.9  
Image formats: Full, IMP, 8/8, and 11/16 bits

## NITFS Features Implemented:

### Format

#### NITF

☐ V2.1

☒ V2.0

☐ V1.1

#### NSIF

☐ V1.0

### Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer \*

☐ IEEE Real \*

☐ IEEE Complex \*

### Annotation Segment Types

☐ Bit Mapped \*\*

☐ CGM, 2301

☐ CGM, 2301A

☐ Labels \*\*

### Text Segments

☐ STA

☐ UT1

☐ U8S

☐ MTF

### Image Segment Types

☒ MONO

☐ RGB

☐ RGB/LUT

☐ YCbCr

☐ MULTI

☐ NODISPLAY

☐ POLAR

### Image Compression

☒ Not Compressed

☐ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☐ JPEG Downsample

☒ JPEG Lossless

☐ Bi-Level

☐ Vector Quantization

☐ Multispectral JPEG, Individual Band

### Data Extension Segments

☐ TRE\_OVERFLOW

☐ STREAMING\_FILE\_HEADER

☐ Controlled Extensions \*\*

☐ Registered Extensions \*\*

### Tagged Record

☒ Extensions

☒ National SDE - ALL

☒ IOMAPA

☒ ECC

NBLOCA

## Legend

- Interpret  
Gen
- ☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
a product for the intended use. Optional NITFS features may not be implemented.

*Curtis L. Green, Lt Col, USAF*

CURTIS L. GREEN, Lt Col, USAF, Division  
Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program